



**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Inventor(s): BENAGE ET AL.

Examiner: M. THEXTON

Serial No.: 09/580,343

Group: 1714

Filed: MAY 25, 2000

Title: COMPOSITION AND METHOD FOR INHIBITING  
POLYMERIZATION AND POLYMER GROWTH

CERTIFICATE OF MAILING	
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Mail Stop - Disclosure, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Date: _____	_____
	Name of Person Mailing Paper
	Signature of Person Mailing Paper

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT**

Mail Stop - Disclosure  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to Applicant's duty of disclosure, the information listed in the attached Form PTO-1449 is brought to the attention of the Examiner. A copy of the listed items is enclosed

United States Patents:

United States Patent No. 5,922,244 entitled "4-Acylaminopiperidin-N-Oxyle" by Koch et al., issued July 13, 1999.

United States Patent No. 5,955,643 entitled "Composition and Method for Inhibiting Polymerization During the Anaerobic of Styrene" by Lewis, issued September 21, 1999.

United States Patent No. 6,136,951 entitled "Test Method for Evaluating Insoluble Polymer Growth" by Benage et al., issued October 24, 2000.

Foreign Applications

JP 11043449, Japan, published February 16, 1999.

European Patent Application No. EP 0 773 232, published May 14, 1997.

European Patent Application No. EP 0 915 108, published May 12, 1999.

European Patent No. EP 0 690 117, published January 1, 1996.

PCT International No. WO 0102852, published January 11, 2001.

PCT International No. WO 0014039, published March 16, 2000.

Other Cited Publications

Benoit et al. "Controlled Living Free-Radical Polymerization of Styrene and N-butyl Acrylate in the Presence of a Novel Asymmetric Nitroxyl Radical". ACS Symposium Series, US, Washington, DC. Vol. 685, pages 225-235 (1998)

Chemical Abstract XP-002162601 - Zhang et al. "Inhibitor for Radical Polymerization of Vinyl Monomer. (1987).

Chemical Abstract XP-002162602 - Zhang et al. "Inhibiting Effect of Radical Polymerization of Vinyl Monomers (VI). Inhibiting Effects of Incorporation of 4-Substituted-2,2,6,6-Tetramethylpiperidine-1-Oxyl and its Derivatives with Quinones on Me Methacrylate Polymn". (1986).

The applicants reserve the right to establish the patentability of the claimed invention over any of the information provided by this statement, to prove that the enclosed information is not prior art, and/or to prove that this information is not enabling for the teachings purportedly offered.

This statement should not be construed as a representation that an exhaustive search has been made or that there does not exist information more material to the examination of the present patent application. The Examiner is specifically requested not to rely solely on the material submitted with this statement.

The applicants request that the Examiner initial and return a copy of the enclosed Form PTO-1449 and indicate in the official file history of this patent application that the documents have been considered.

Please charge any deficiency, as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or §1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 23-2656. Also, in the event any extensions of time for responding and/or a petition under 37 C.F.R. §1.17(i)(i) are

required for the pending application(s), please treat this paper as a petition to extend the time and/or enter this Information Disclosure Statement as required and charge Deposit Account No. 23-2656 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED, together with Form PTO-1499.

Date: 8 Sep 04

Respectfully submitted,



Paul Grandinetti  
Reg. No. 30,754

Please send all future correspondence  
relating to this case to  
Michael P. Dilworth  
CROMPTON CORPORATION  
BENSON ROAD  
MIDDLEBURY, CT 06749  
Telephone No. 203-573-3313  
Facsimile No. 203-573-2261  
**Docket No. D-6387**

I:\HOME\NORMA\_CO\Phillips.ltr.wpd\Supp.IDS-PCT-wpd.wpd



# FORM PTO-1449

Page 1 of 1

LIST OF INFORMATION CITED BY APPLICANT(S) (FORM PTO-1449)										ATTY DOCKET NO. D-6387		SERIAL NO. 09/580,343					
										APPLICANT: BENAGE ET AL.							
										FILING DATE: MAY 25, 2000				GROUP: 1714			
U.S. PATENT DOCUMENTS																	
EXAMINER INITIAL			DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE			
			5	9	2	2	2	4	4	July 1999	Koch et al.						
			5	9	5	5	6	4	3	Sept. 1999	Lewis et al.						
			6	1	3	6	9	5	1	Oct. 2000	Benage et al.						
FOREIGN PATENT DOCUMENTS																	
			DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION			
														YES	NO		
	EP	0	7	7	3	2	3	2	A1	May 1997	European Patent Application			X			
	EP	0	9	1	5	1	0	8	A1	May 1999	European Patent Application			X			
	EP	0	6	9	0	1	1	7	A2	Jan. 1996	European Patent Application			X			
	WO	01/	0	2	8	5	2		A1	Jan. 2001	PCT International Patent Application			X			
	WO	00/	1	4	0	3	9		A1	March 2000	PCT International Patent Application			X			
	JP	1	1	0	4	3	4	4	9	February 1999	JAPAN						
PUBLICATIONS																	
	.1.			Benoit et al. "Controlled Living Free-Radical Polymerization of Styrene and N-butyl Acrylate in the Presence of a Novel Asymmetric Nitroxyl Radical". ACS Symposium Series, US, Washington DC. Vol. 685 pages 225-235. (1998)													
	2.			Chemical Abstract XP-002162601 - Zhang et al. "Inhibitor for Radical Polymerization of Vinyl Monomer" (1987)													
	3.			Chemical Abstract XP-002162602 - Zhang et al. "Inhibiting Effect of Radical Polymerization of Vinyl Monomers (VI). Inhibiting Effects of Incorporation of 4-Substituted-2,2,6,6-Tetramethylpiperidine-1-Oxyl and its Derivatives with Quinones on Me Methacrylate Polymn" (1986)													
EXAMINER										DATE CONSIDERED							